

Title (en)
PHOSPHINIC AMIDE PRODRUGS OF TENOFOVIR

Title (de)
PHOSPHINAMID-PRODRUGS VON TENOFOVIR

Title (fr)
PROMÉDICAMENTS D'AMIDE PHOSPHINIQUE DE TÉNOFOVIR

Publication
EP 3823629 A4 20220504 (EN)

Application
EP 19838497 A 20190715

Priority

- US 201862700691 P 20180719
- US 2019041757 W 20190715

Abstract (en)
[origin: WO2020018399A1] Compounds of Formula I: I and their pharmaceutically acceptable salts are useful for the inhibition of HIV reverse transcriptase. The compounds may also be useful for the prophylaxis or treatment of infection by HIV and in the prophylaxis, delay in the onset or progression, and treatment of AIDS. The compounds and their salts can be employed as ingredients in pharmaceutical compositions, optionally in combination with other antiviral agents, immunomodulators, antibiotics or vaccines.

IPC 8 full level
A61K 31/661 (2006.01); **A61K 31/675** (2006.01); **A61K 45/06** (2006.01); **A61P 31/14** (2006.01); **C07F 9/40** (2006.01); **C07F 9/6561** (2006.01)

CPC (source: EP US)
A61K 31/341 (2013.01 - US); **A61K 31/427** (2013.01 - US); **A61K 31/4439** (2013.01 - US); **A61K 31/496** (2013.01 - US);
A61K 31/513 (2013.01 - US); **A61K 31/52** (2013.01 - US); **A61K 31/536** (2013.01 - US); **A61K 31/635** (2013.01 - US);
A61K 31/675 (2013.01 - EP US); **A61K 31/7068** (2013.01 - US); **A61K 31/7072** (2013.01 - US); **A61K 45/06** (2013.01 - EP);
A61P 31/14 (2018.01 - EP); **A61P 31/18** (2018.01 - US); **C07F 9/65616** (2013.01 - EP US)

C-Set (source: EP)
A61K 31/675 + A61K 2300/00

Citation (search report)

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- [A] WO 2018039157 A1 20180301 - MERCK SHARP & DOHME [US], et al
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- [A] PERTUSATI FABRIZIO ET AL: "PMPA and PMEA prodrugs for the treatment of HIV infections and human papillomavirus (HPV) associated neoplasia and cancer", EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, ELSEVIER, AMSTERDAM, NL, vol. 78, 17 March 2014 (2014-03-17), pages 259 - 268, XP028847859, ISSN: 0223-5234, DOI: 10.1016/J.EJMECH.2014.03.051
- [A] SLUSARCZYK MAGDALENA ET AL: "Phosphoramidates and phosphonamidates (ProTides) with antiviral activity", ANTIVIRAL CHEMISTRY & CHEMOTHERAPY, vol. 26, 23 May 2018 (2018-05-23), England, pages 1 - 31, XP055870658, ISSN: 2040-2066, Retrieved from the Internet <URL:http://journals.sagepub.com/doi/full-xml/10.1177/2040206618775243> DOI: 10.1177/2040206618775243
- See also references of WO 2020018399A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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